

Tenúelas:

Valley Landfill LLC

(cc's)

Owner Property - Environmental Preservation
Associates

→ 30 yrs lease →

Operants Employees → 5 operators
+ Administrative → Supervisor
(5) Gate operator
1 Security

Security → 24 hrs | gate outside of
Property same road for
Ecosystem

1 mile to residences

2 water trucks (both)

Area ≈ 170 acres

~ 20 acres permitted
50 acres expansion

Before Maria
↳ 100% Industrial

After Maria
Dunnings CED ≈ 70%
↳ PREPA PRASA

Non-Hazardous
Food Sludges
PTOW Ind.
process H₂O

3 monitoring wells
conductinclar hydrogeologic

Muabans → present on site

No permit for site · gas

100% lined July 1999
1 celda en foses

40 Acres

1 retention pond @ south
1 leachate pond

recirculate leachate

part percolate

pump is broken

No controls to keep birds out of
leachate pond.

Power line

Pump leachate

Erosion bog drainage (runoff)

Aqua → ① Recirculation

Iban ② Sedimentation pond

③ PRASA

Leachate → 3,000 gal

80% try to keep ↓ 50%

Recirculate every day

Jan - March → driest

~ 1300 recirculate

Compaction

↳ ↑ [liquids]

~ 1

CCR - 1/L in 2006

Currently in use ~ 6-7 million yd's³
left ~ 2 millions

leachate is clearer than in humic acid

10,000 gal diesel tank } 8PC's
oil storage }

- Operation E&B
- General de Obras Obras
- Soil Extractor under exemption to landfills

→ Tiene solidificación líquidos
y lo usan como cover

Patio: liquids 30,000 gals

↳ CCR ~ 1:1

No CCR ~ 4:1 Solid: liquid

During Maria industry were not operating → rebarlock
D.S.

Seak

Lack of CCR is the problem
consume more space because
of lac CCR.

Agramay →

Venezuela → fly ash & bottomash
3.5 : 1

for handling fly ash → different pits

Desde Aug 2017 NO rebar

Humacao Abnl 2016

Sprayers pump → leachate

UST for wastewater
Cierre / Aseguramiento financiero por cierre